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FOUNDED 1890

PATENT, TRADEMARK, COPYRIGHT  
AND RELATED MATTERS: ALL PHASES  
INCLUDING LICENSING AND LITIGATION

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TOTAL PAGES (Including Cover Page) 9 DATE: January 31, 2006

Commissioner of Patents and Trademarks  
TO: Attn.: Examiner Rodney Glenn McDonald FROM: Mr. James R. Foley, Reg. No. 39,979

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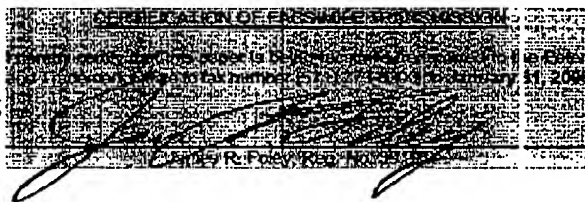
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**NOTES:**

Inventors: Ehasarian et al.  
For: A Combined Coating Process  
Comprising Magnetic Field-Assisted,  
High-Power, Pulsed Cathode Sputtering  
and an Unbalanced Magnetron  
Filing Date: November 20, 2003  
Art Unit: 1753  
Serial No.: 10/718,435



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FORM PTO-1083

Attorney Docket No. 2146/41506/Case 1

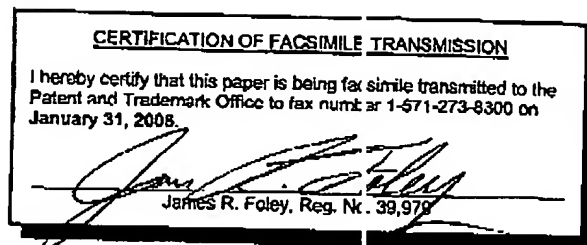
In re application of: Arutun Papken Ehasarian

Serial No.: 10/718,435

Filed: November 20, 2003

Art Unit: 1753

For: A COMBINED COATING PROCESS  
COMPRISING MAGNETIC FIELD-ASSISTED,  
HIGH-POWER, PULSED CATHODE SPUTTERING  
AND AN UNBALANCED MAGNETRON



BOX: AMENDMENT-FEE  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Response to the Office Action mailed January 23, 2006.

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
	Claims Remaining After Amendment		Highest No. Previously Paid for	Present Extra
TOTAL	* 22	MINUS	** 22	0
INDEP.	* 1	MINUS	** 3	0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

## SMALL ENTITY

Rate	Addl. Fee
x 25 =	\$ .00
x 100 =	\$ .00
+ 180 =	\$ .00
TOTAL ADDIT. FEE	\$ .00

## LARGE ENTITY

Rate	Addl. Fee
x 50 =	\$ .00
x 200 =	\$ .00
+ 360 =	\$ .00
TOTAL	\$ .00

OR

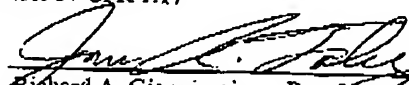
OR

TOTAL

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
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 The "Highest Number Previously Paid For" (Total or independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is also enclosed.
- ☐ Please charge my Deposit Account No. 20-1495 in the amount of \$ \_\_\_\_\_ to cover the filing fee. A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 20-1495. A duplicate copy of this sheet is enclosed.
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- ☒ Any patent application processing fees under 37 CFR 1.17

Dated: January 31, 2006

  
Richard A. Giangiorgi Reg. No. 24,284  
James R. Foley Reg. No. 39,979  
Attorneys of Record

FORM PTO-1083

Attorney Docket No. 146/41506/Case 1

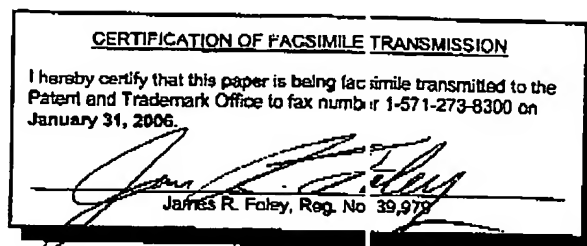
In re application of: Arutun Papken Ehasarian

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OR

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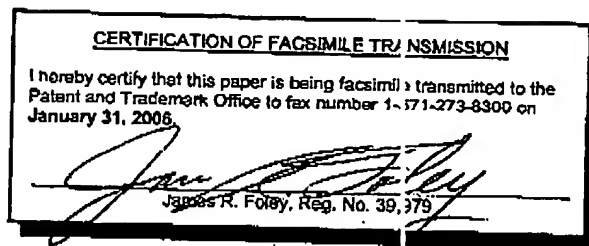
Richard A. Giangiorgi Reg. No. 24,284  
  
James R. Foley Reg. No. 39,979  
Attorneys of Record

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## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/718,435  
Filed: November 20, 2003  
Art Unit: 1753  
Examiner: Rodney Glen McDonald  
For: A Combined Coating Process  
Comprising Magnetic Field-  
Assisted, High-Power, Pulsed  
Cathode Sputtering and an  
Unbalanced Magnetron  
Inventors: Arutun Papken Ehiasarian  
Attorney Ref: 2146/41506/Casc 1



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RESPONSE TO OFFICE ACTION MAILED JANUARY 23, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In the matter of the above-identified application and in response to the Office Action  
mailed January 23, 2006, kindly enter the following amendments and consider the following  
remarks toward reconsideration of the present application.